

# Somatostatin

Catalog No: tcsc0012412



## Available Sizes

**Size:** 1mg

**Size:** 5mg



## Specifications

**CAS No:**

51110-01-1

**Formula:**

N/A

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO; H<sub>2</sub>O

**Observed Molecular Weight:**

1637.88

## Product Description

Somatostatin is a tetradecapeptide which can suppress the growth hormone (GH) secretion and control the pituitary hormone secretion in human CNS.

**In Vitro:** Somatostatin is a tetradecapeptide which can suppress the growth hormone (GH) secretion and control the pituitary hormone secretion in human CNS. Somatostatin has two biologically active forms: the predominant form is the 14 amino-acid long Somatostatin-14 while the more potent form is the amino-terminus extended Somatostatin-28. The biological roles of the two

Somatostatin isoforms very strongly overlap and the relative proportions of Somatostatin-14 to Somatostatin-28 vary between different tissues. Somatostatin can reduce adhesion of carcinosarcoma cells to the blood vessels and thus attenuate the metastatic potential of these tumours. Somatostatin can also inhibit monocyte chemotactic migration<sup>[1]</sup>.

A large rectangular area with a light gray background. In the center, there is a white square containing the word "Somatostatin" in black text.

Somatostatin

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!